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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*Customer No.* 23643  
*Group:* 1614  
*Confirmation No.:* 8706  
*Application No.:* 10/620,221  
*Invention:* NEUROTHERAPEUTIC  
CLAVULANATE COMPOSITION  
AND METHOD  
*Inventor:* Gary A. Koppel  
*Filed:* July 15, 2003  
*Attorney Docket:* 22064-71990  
*Examiner:* Leslie A. Royds

**ELECTRONICALLY FILED  
ON: October 31, 2007**

AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111  
AND ELECTION OF SPECIES UNDER 37 C.F.R. § 1.146

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following is in response to the Official Action mailed October 4, 2007, notifying Applicant that Applicant's amendment filed July 23, 2007 was considered non-responsive. In the Office Action mailed October 4, 2007, the Examiner requested a reiteration of the species of cognitive disorder and clavulanate compound elected by Applicant's previous response filed July 23, 2007, in addition to election of a single disclosed specie of P-glycoprotein efflux pump inhibitor. Accordingly, and for completeness Applicant's July 23, 2007, response is resubmitted herein in its entirety have been reiterated

as well, modified only by deletion of the phrase “and derivatives thereof” in the election of a specie of P-glycoprotein efflux pump inhibitors on page 5.

Applicant notes with appreciation the Examiner’s grant of one month for reply recognizing Applicant’s bonafide attempt to reply to the previous office action. Although Applicant believes that the Examiner’s request to elect a single methanodibenzosuberane compound from 10,11-methanodibenzosuberane derivatives is improper, Applicant elects 10,11-methanodibenzosuberane as a single chemical entity of P-glycoprotein efflux pump inhibitor for the purpose of expeditious prosecution of this application.

Please disregard the amendment to the specification in the present response if said amendment has previously been entered from Applicant’s response filed July 23, 2007. Applicant does not believe that any fees are due with this response; however, the Commissioner is authorized to charge any fees that may be due, or credit any overpayment, associated with this response to Deposit Account No. 10-0435 with reference to our matter No. 22064-71990.

Amendments to the specification begin on page 3 of this paper.

Remarks begin on page 4 of this paper.